

REMARKS/ARGUMENTS

Claims 1-7 are pending in the application. Claims 1-7 are rejected.

Claims 1 and 3-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over *Wallstedt et al.* (US 5,903,834 herein *Wallstedt*) in view of *Diener et al.* (US 2004/0102198 herein *Diener*).

Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over *Wallstedt* in view of *Diener* in view of *Ogawa* (US 200310185287).

Applicant has amended the independent claims to describe the claimed invention with greater particularity. It is respectfully submitted that the amended claims describe patentable subject matter.

The claims were amended to clarify that in the claimed invention the sending antenna does not function as a two-way wireless transceiver. The claims were also amended to clarify that each of the receiving antenna cases also do not function as two-way wireless transceivers. Specifically, the sending antenna case limitation was amended to clarify that the sending antenna case does not include “a function for receiving a radio frequency signal from the terminal device.” The receiving antenna case limitation was amended to clarify that each of the receiving antenna cases is “without a function for sending a radio frequency signal to the terminal device.” Support for these amendments is found in Figure 2.

The claims were also amended to clarify that each antenna case has its own separate respective wired cable that connects it to the main unit case. That is, the sending antenna case is connected to the main unit case by a sending wired cable. Each receiving antenna case is separately connected to the main unit case by its own respective receiving wired cable. Support for this amendment is found in Figure 1.

The claims were also amended to clarify that the receiving antenna cases are spaced apart from the sending antenna case in a service area around the sending antenna case. Support for this amendment is found in Figure 1.

The cited prior art does not teach or suggest the claimed invention. The prior art does not teach or suggest having a “sending antenna case . . . without a function for receiving a radio frequency signal from the terminal device” and “a plurality of receiving antenna cases . . . without a function for sending a radio frequency signal to the terminal device.” *Wallstedt* and *Diener* utilize transceivers within each antenna device that both send and receive. *Wallstedt* teaches that each RAD 3 has transceivers with transmitter portions and receiver

portions within the RAD. (*See* Wallstedt at Abstract; *see also* col. 5, lines 4-6 “RAD 3 is a transceiver meaning that both transmit and receive functions are provided”). The RTs and MRTs in Diener have transceivers within the device to support both transmitting and receiving. (*See* Diener, Fig. 4)

The prior art also does not teach or suggest the wired cables configuration of the claimed invention. In the claimed invention there are separate wired cables. Referring to claim 1, there is a “sending wire cable that connects the main unit case to the sending antenna case” and also “a plurality of receiving wire cables . . . wherein each one of the plurality of receiving wire cables connects one of the plurality of receiving antenna cases to the main unit.” The prior art does not teach or suggest this. The interface link 4 of Wallstedt connects a series of multiple RADs to one interface link 4. In the example of Figures 2 and 6A-6C of Wallstedt, each cell has at least four RADs connected to one interface link 4.

It is noted that Ogawa also utilizes transceivers and does not make up for the deficiencies of Wallstedt and Diener.

CONCLUSION

Applicant believes that all pending claims are allowable and respectfully requests a Notice of Allowance for this application from the Examiner. Should any fee be required for any reason related to this document, the Commissioner is hereby authorized to charge said fee to Deposit Account No. 50-4481, referencing Docket No. MES1P093. Should the Examiner believe that a telephone conference would expedite the prosecution of this application, the undersigned can be reached at the telephone number set out below.

Respectfully submitted,
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